

Volume contents

Volume 34 (2002)

Research papers

- A. Vespa, G. Gori, L. Spazzafumo (Italy)*
Evaluation of non-pharmacological intervention on antisocial behavior in patients suffering from Alzheimer's disease in a day care center 1
- J.W. Kim, J.K. No, Y. Ikeno, B.P. Yu, J.S. Choi, T. Yokozawa, H.Y. Chung (South Korea, USA, Japan)*
Age-related changes in redox status of rat serum 9
- S. Tanaka, A. Shito, N. Tamaya, O. Miyaishi, M. Nishimura, T. Ohno (Japan)*
Difference in average survival between F344/Du and F344/N rats is not due to genetic contamination 19
- A. HersHKovitz, Y. Beloosesky, N. Pomp, S. Brill (Israel)*
Is routine screening for urinary tract infection in rehabilitation day-hospital elderly patients necessary? 29
- J. Miquel, A. Bernd, J.M. Sempere, J. Díaz-Alperi, A. Ramirez (Spain, Germany)*
The curcuma antioxidants: pharmacological effects and prospects for future clinical use. A review 37
- D. Maugeri, M.R. Bonanno, S. Speciale, A. Santangelo, A. Lentini, M.S. Russo, A. Calanna, M. Malaguarnera, M. Motta, M. Testai, P. Panebianco (Italy)*
The leptin, a new hormone of adipose tissue: clinical findings and perspectives in geriatrics 47
- A. Fink, M.C. Tsai, R.D. Hays, A.A. Moore, S.C. Morton, K. Spritzer, J.C. Beck (USA)*
Comparing the alcohol-related problems survey (ARPS) to traditional alcohol screening measures in elderly outpatients 55

- M. Valk, K.G.M. Moons, H.J.M. Cools, A.J.P. Schrijvers (The Netherlands)*
Classifying the probability of urinary incontinence in psychogeriatric nursing home patients 79

Research papers

- Y. Lee, K. Choi (South Korea)*
Functional disability of older persons in long-term care facilities in Korea 93
- J. Richter, M.R. Eisemann, E. Zgonnikova (Germany, Norway, Russia)*
Doctors' attitudes and end-of-life decisions in the elderly: a comparative study between Sweden, Germany and Russia 107
- D. Maugeri, P. Panebianco, D. Rosso, A. Calanna, S. Speciale, A. Santangelo, I. Rizza, M. Motta, A. Lentini, M. Malaguarnera (Italy)*
Alendronate reduces the daily consumption of insulin (DCI) in patients with senile type I diabetes and osteoporosis 117
- R. Gallassi, A. Morreale, R. Di Sarro, S. Lorusso (Italy)*
Value of clinical data and neuropsychological measures in probable Alzheimer's disease 123
- A. Algotsson (Sweden)*
Skin vessel reactivity tests in healthy middle-aged and elderly subjects: the influence of depolarizing current and serum lipids 135
- D. Jones, S.K. Biswas, D.A. Power, S. Cannon, H.R. Brady, H. Grimes, E.C. Mulkerrin (Ireland)*
Posture-related tachycardia in older patients with hyponatremia 145
- M. Fraas, J. Lockwood, J. Neils-Strunjas, M. Shidler, R. Krikorian, E. Weiler (USA)*
'What's his name?' A comparison of elderly participants' and undergraduate students' misnamings 155
- Preface** 167

Research papers

- M.L. Katz, W.G. Robison Jr (USA)*
What is lipofuscin? Defining characteristics and differentiation from other autofluorescent lysosomal storage bodies 169
- H. Shimasaki, Y. Shimizu, D. Dilidar, N. Ueta, J. Shiga (Japan)*
Ceroid accumulation in rat kidneys caused by uptake of ferric nitrilotriacetate 185
- E.A. Porta, A. Berra, A.J. Monserrat, S.H. Benavides (USA, Argentina)*
Differential lectin histochemical studies on lipofuscin (age-pigment) and on selected ceroid pigments 193

<i>R.D. Jolly, D.N. Palmer, R.R. Dalefield (New Zealand)</i> The analytical approach to the nature of lipofuscin (age pigment)	205
<i>S.H. Benavides, A.J. Monserrat, S. Fariña, E.A. Porta (Argentina, USA)</i> Sequential histochemical studies of neuronal lipofuscin in human cerebral cortex from the first to the ninth decade of life	219
<i>M.R.J. Sheehy (UK)</i> A flow-cytometric method for quantification of neurolipofuscin and comparison with existing histological and biochemical approaches	233
<i>D.L. Schmucker, H. Sachs (USA)</i> Quantifying dense bodies and lipofuscin during aging: a morphologist's perspective	249
<i>P. Fattoretti, C. Bertoni-Freddari, T. Casoli, G. Di Stefano, M. Solazzi, E. Corvi (Italy)</i> Morphometry of age pigment (lipofuscin) and of ceroid pigment deposits associated with vitamin E deficiency	261
<i>C. Bertoni-Freddari, P. Fattoretti, T. Casoli, G. Di Stefano, M. Solazzi, E. Corvi (Italy)</i> Morphometric investigations of the mitochondrial damage in ceroid lipopigment accumulation due to vitamin E deficiency	267
<i>H. Rubin (USA)</i> Promise and problems in relating cellular senescence in vitro to aging in vivo	275
<i>M.R.J. Sheehy (UK)</i> Role of environmental temperature in aging and longevity: insights from neurolipofuscin	287
<i>M.L. Katz (USA)</i> Potential reversibility of lipofuscin accumulation	311
<i>E.A. Porta (USA)</i> Dietary factors in lipofuscinogenesis and ceroidogenesis	319
<i>I. Zs.-Nagy (Hungary)</i> The biological waste product formation in the light of the membrane hypothesis of aging	329
<i>D.N. Palmer, M.J. Oswald, V.J. Westlake, G.W. Kay (New Zealand)</i> The origin of fluorescence in the neuronal ceroid lipofuscinoses (Batten disease) and neuron cultures from affected sheep for studies of neurodegeneration	343
<i>M.L. Katz (USA)</i> Potential role of retinal pigment epithelial lipofuscin accumulation in age-related macular degeneration	359

A. Berra, S. Ferreira, P. Stanga, S. Llesuy (Argentina, UK)

Age-related antioxidant capacity of the vitreous and its possible relationship with simultaneous changes in photoreceptors, retinal pigment epithelium and Bruchs' membrane in human donors' eyes

371

Obituary

379

Volume Contents

381

Author Index

385